

FIG. 1

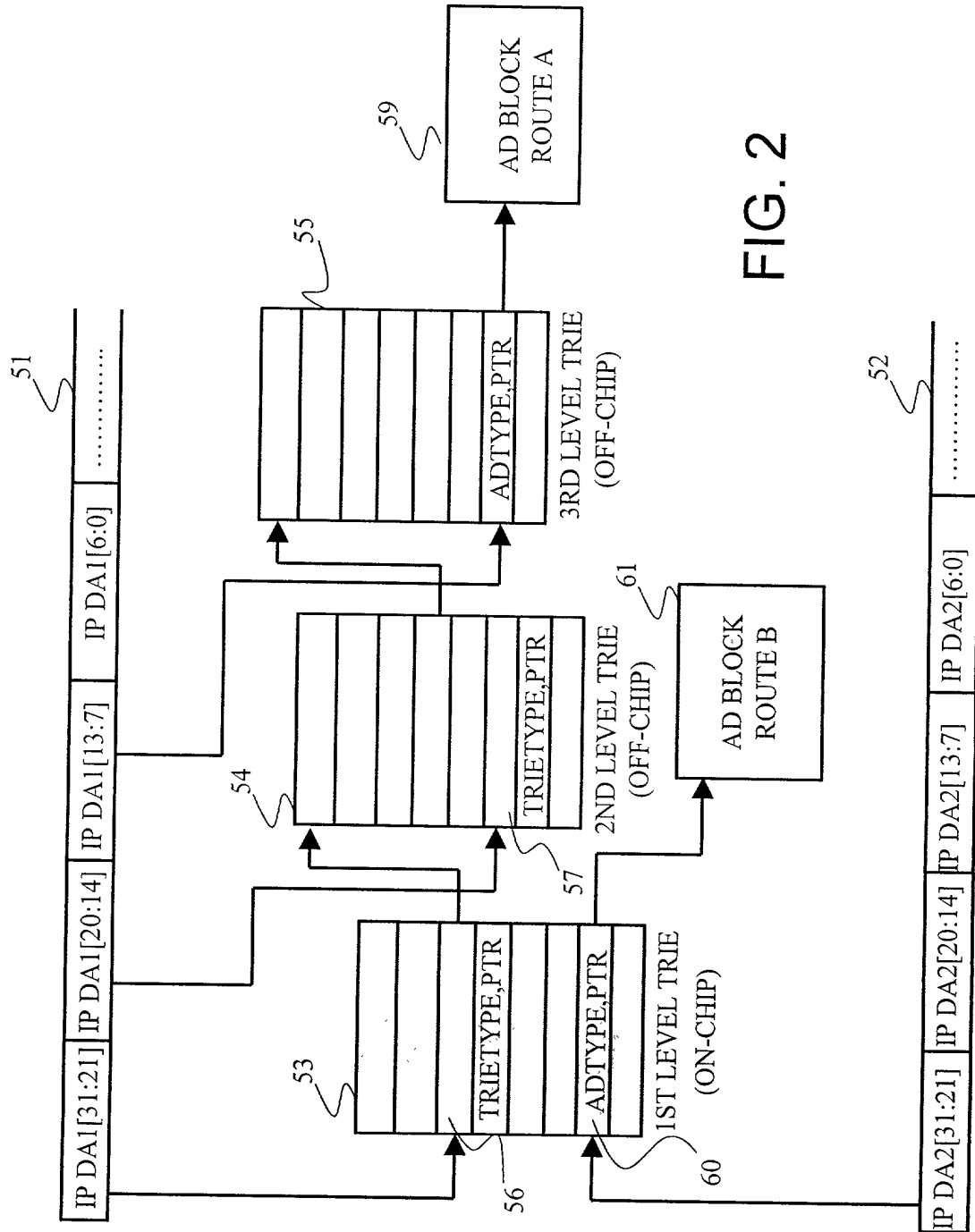


FIG. 2

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|    | SA | SB | SC | SD |  |
|----|----|----|----|----|--|
| DA | *  | T1 | T2 | T3 |  |
| DB | *  | *  | T4 | T5 |  |
| DC | *  | *  | *  | T6 |  |
|    |    |    |    |    |  |
|    |    |    |    |    |  |
|    |    |    |    |    |  |
|    |    |    |    |    |  |

FIG. 3

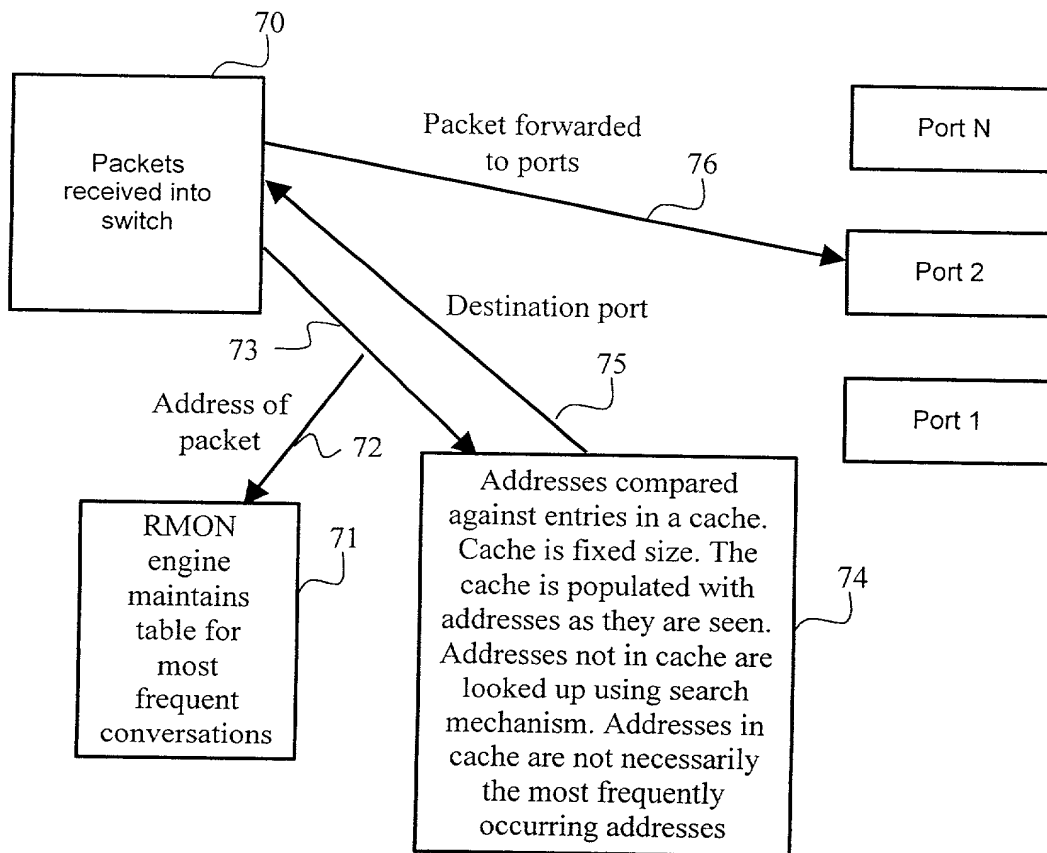
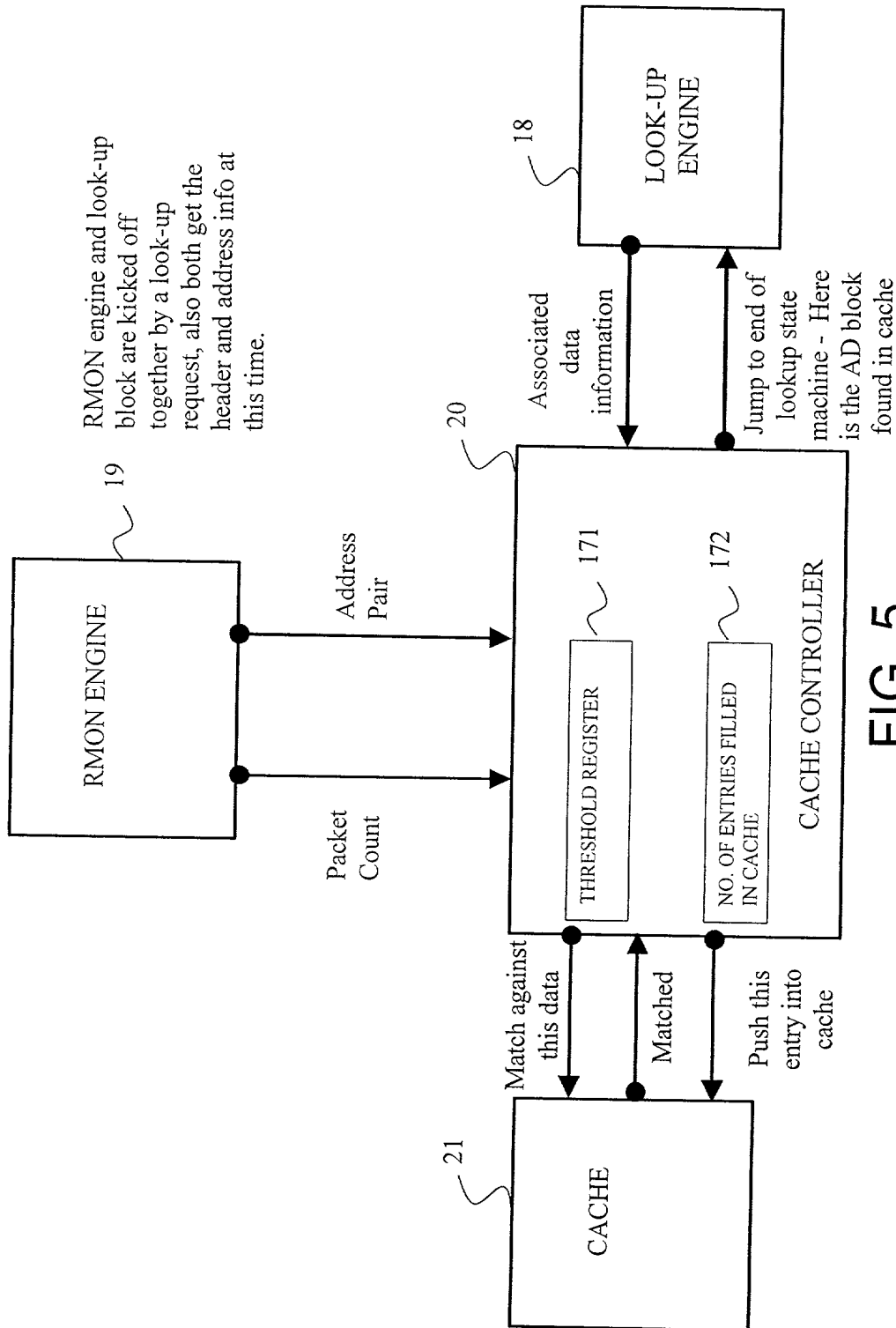


FIG. 4



RMON engine and look-up block are kicked off together by a look-up request, also both get the header and address info at this time.

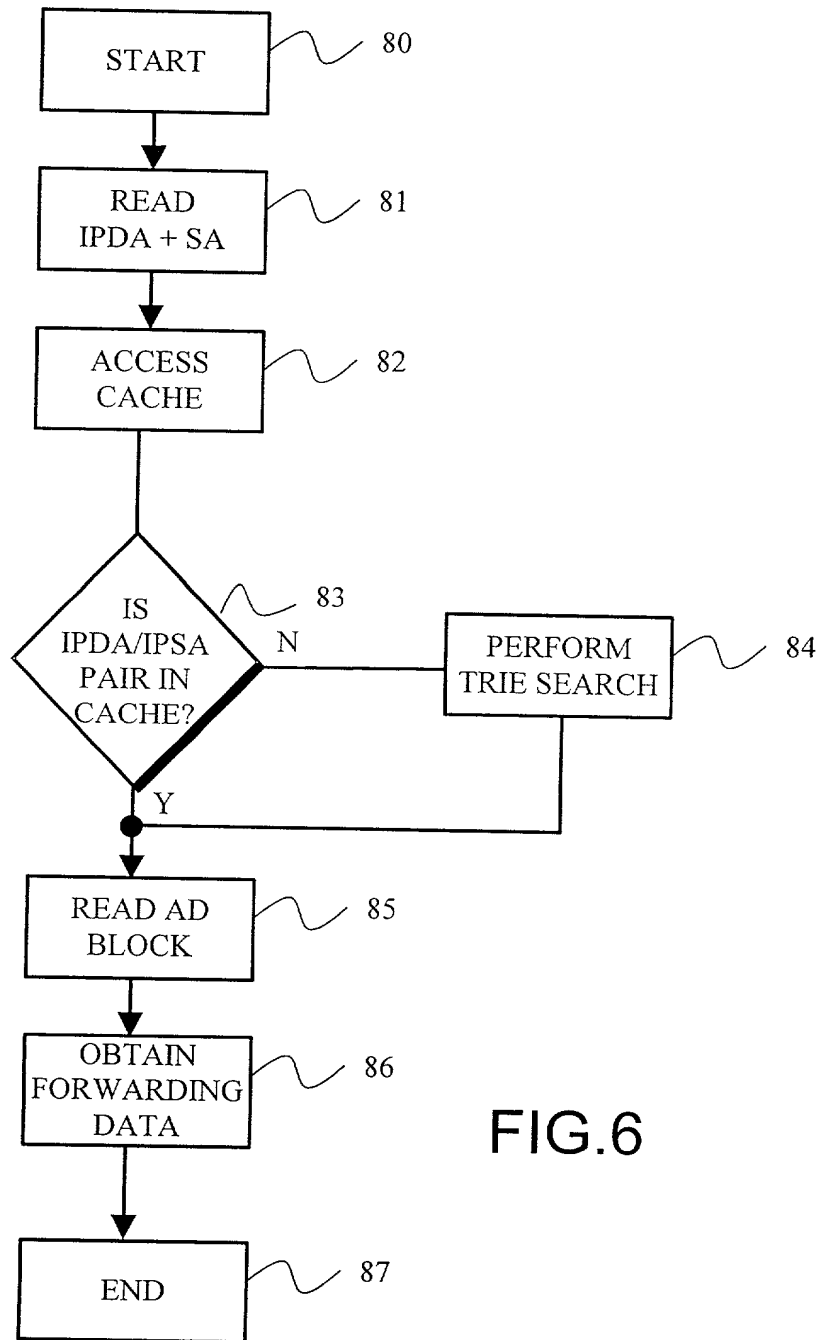


FIG.6

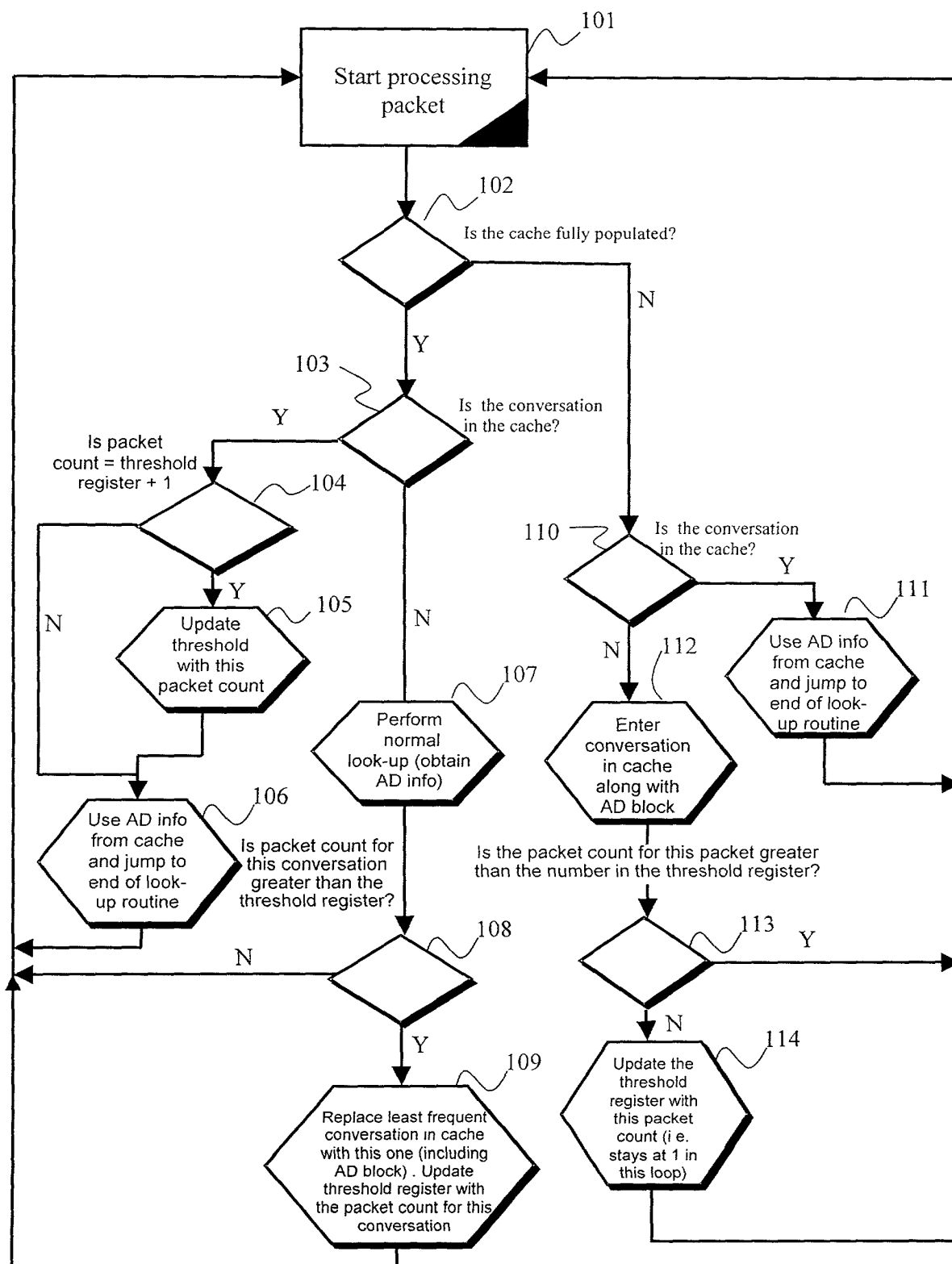


FIG. 7